



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 25, 2015

Linda Obrestad  
Regulatory Analyst  
Valent USA Corp.  
1600 Riviera Drive, Suite 200  
Walnut Creek, CA 94598

Subject: Label Amendment – Revisions to supplemental label to correct errors  
Product Name: METCONAZOLE 50 WDG FUNGICIDE  
EPA Registration Number: 59639-147  
Application Date: 06/18/2015  
Decision Number: 506154

Dear Ms. Obrestad:

The amended supplemental label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes the previously accepted supplemental labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Maryam K. Muhammad at 703-347-0301 or via email at [Muhammad.maryam@epa.gov](mailto:Muhammad.maryam@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to be 'HJ', written in a cursive style.

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: Approved Supplemental Label

# Supplemental Label



**ACCEPTED**

06/25/2015

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 59639-147

GROUP	3	FUNGICIDE
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## METCONAZOLE 50 WDG Fungicide

EPA Reg. No. 59639-147

**METCONAZOLE 50 WDG FUNGICIDE FOR USE ON DRIED SHELLLED PEA AND BEAN EXCEPT SOYBEAN (CROP SUBGROUP 6C); PEANUT, SUNFLOWER (CROP SUBGROUP 20B) AND EXPANDED CROP GROUPINGS OF RAPESEED SUBGROUP INCLUDING CANOLA (CROP SUBGROUP 20A); STONE FRUIT (CROP GROUP 12-12) AND TREE NUTS (CROP GROUP 14-12)**

This supplemental label expires on June 18, 2018 and must not be used or distributed after this date.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Mixers/loaders supporting aerial application to rapeseed including canola (crop subgroup 20A), sunflower (crop subgroup 20B) and dry beans and peas (crop subgroup 6C) must also wear: a PF5 respirator.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS, DIRECTIONS AND RESTRICTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR METCONAZOLE 50 WDG FUNGICIDE BEFORE APPLYING. USE OF *METCONAZOLE 50 WDG FUNGICIDE* ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR METCONAZOLE 50 WDG FUNGICIDE.**

## RESTRICTIONS AND LIMITATIONS – ALL CROPS

1. Maximum yearly use rate: Do not apply more than the maximum rate per acre per year as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
2. Maximum rate per application: Do not apply more than the maximum rate per acre per application as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
3. Do not make more than the total number of applications of *Metconazole* 50 WDG per year as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
4. Preharvest Interval (PHI): See “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.

Crops	Minimum Time from Application to Harvest (PHI) Days	Maximum Rate per Acre per Application (oz)	Maximum Number of Sequential Applications	Maximum Number of Applications per Year	Maximum Rate per Acre per Year (oz)	Livestock Grazing or Feeding Restriction
Dried Shelled Pea and Bean except Soybean (Crop Subgroup 6C)	21	4.0 (0.125 lb ai/A)	2	2	8.0 (0.25 lb ai/A)	Yes
Peanut	14	4.0 (0.125 lb ai/A)	4	4	16 (0.500 lb ai/A)	Yes
Rapeseed Subgroup including Canola (Crop Subgroup 20A)	35	4.0 (0.125 lb ai/A)	1	1	4.0 (0.125 lb ai/A)	No
Stone Fruit (Crop Group 12-12)	14	4.0 (0.125 lb ai/A)	2	3	12 (0.375 lb ai/A)	No
Sunflower (Crop Subgroup 20B)	21	4.0 (0.125 lb ai/A)	2	2	8.0 (0.25 lb ai/A)	No
Tree Nuts except Filbert, Pecan and Pistachio (Crop Group 14-12)	25	3.5 (0.11 lb ai/A)	2	4	14 (0.438 lb ai/A)	No
Filbert (hazelnut)	25	3.5 (0.11 lb ai/A)	2	4	14 (0.44 lb ai/A)	No
Pecan	25	3.5 (0.11 lb ai/A)	2	4	14 (0.44 lb ai/A)	No
Pistachio	25	4.0 (0.125 lb ai/A)	2	4	16 (0.500 lb ai/A)	No

## CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

### DRIED SHELLED PEA AND BEAN (EXCEPT SOYBEAN)\* (Crop Subgroup 6C)

Dried cultivars of bean (*Lupinus*); bean (*Phaseolus*) (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean); bean (*Vigna*) (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean (dry); chickpea; guar; lablab bean; lentil; pea (*Pisum*) (includes field pea); pigeon pea.

Disease	Application Rates		When to Apply	Special Use Instructions	Use Restrictions	
	oz/A	GPA				
Rust ( <i>Uromyces</i> spp.)	2.5 to 4.0 (0.08 to 0.125 lb ai/A)	Ground: minimum 20 GPA  Aerial: minimum 5 GPA	Apply when conditions favor disease development and prior to infection.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.	<ul style="list-style-type: none"> <li>Do not apply within 21 days of harvest.</li> <li>Do not make more than 2 applications per year.</li> <li>Do not apply more than 8 oz of product per acre per year.</li> <li>Two applications may be made sequentially.</li> <li>Do not apply to cowpea and field pea used for livestock feed.</li> <li>A PF5 respirator is required when mixing/loading product for use on dry beans and peas.</li> </ul>	
Anthracnose ( <i>Colletotrichum</i> spp.)			A second application may be made on a 7- to 10-day interval.			Use a non-Group 3 fungicide, with activity on the target disease, in alternation with <i>Metconazole</i> 50 WDG Fungicide.
Alternaria Leaf and Pod Spot ( <i>Alternaria</i> spp.)				Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.		
Ascochyta Leaf Spot and Blight ( <i>Ascochyta</i> spp.)						
Powdery Mildew ( <i>Erysiphe</i> spp.)						
Gray Mold ( <i>Botrytis cinerea</i> ) (suppression)						
White Mold ( <i>Sclerotinia sclerotiorum</i> ) (suppression)						

\*Not for use in California.

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

PEANUT*					
Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Leaf Spot - Early <i>(Cercospora arachidicola)</i> Leaf Spot - Late <i>(Cercosporidium personatum)</i> Rust <i>(Puccinia arachidis)</i>	2.5 (0.078 lb ai/A)	10 to 20  Aerial: Minimum 5 GPA	Apply <i>Metconazole</i> 50 WDG Fungicide on a 14-day schedule. To discourage development of triazole fungicide resistance in leaf spot fungi, tank mix <i>Metconazole</i> 50 WDG Fungicide with a non-Group 3 fungicide registered for control of leaf spot, such as chlorothalonil.	For optimal control of leaf spot and rust, tank mix <i>Metconazole</i> 50 WDG Fungicide with a non-ionic surfactant.  Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.  Under high disease pressure use the higher rate.	<ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest.</li> <li>Do not make more than 4 applications per year.</li> <li>Do not apply more than 10 oz product per acre per year when the maximum rate per application is 2.5 oz product per acre.</li> <li>Do not apply more than 16 oz product per acre per year when the maximum rate per application is 4 oz product per acre.</li> <li>Do not harvest peanut straw for livestock feed.</li> </ul>
Stem Rot /Southern Blight <i>(Sclerotium rolfsii)</i>	2.5 to 4.0 (0.078 to 0.125 lb ai/A)	15 to 20  Aerial: Minimum 5 GPA	Four consecutive applications of <i>Metconazole</i> 50 WDG Fungicide must be made at 14-day intervals.		

\*Not for use in California.

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

**RAPSEED SUBGROUP INCLUDING CANOLA  
(Crop Subgroup 20A)**

Borage; crambe; cuphea; echium; flax seed; gold of pleasure; hare's ear mustard; lesquerella; lunaria; meadowfoam; milkweed; mustard seed; oil radish; poppy seed; rapeseed; sesame; sweet rocket; cultivars, varieties and/or hybrids of these.

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
White Mold/ Sclerotinia Stem Rot ( <i>Sclerotinia sclerotiorum</i> )	2.0 to 4.0 (0.0625 to 0.125 lb ai/A)	10 to 20  Aerial: Minimum 5 GPA	Make application between 20% and 50% bloom.	Use <i>Metconazole</i> 50 WDG Fungicide as a part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.  Under high disease pressure, use the application rate of 4 oz/A.	<ul style="list-style-type: none"> <li>• Do not apply within 35 days of harvest.</li> <li>• Do not apply more than 4.0 oz of product per acre per year.</li> <li>• Do not make more than one application per year.</li> <li>• A PF5 respirator is required when mixing/loading product for use on canola.</li> </ul>

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

<b>STONE FRUIT</b> <b>(Crop Group 12-12)</b> Black cherry; capulin; Chinese Jujube; Nanking cherry; sweet cherry; tart cherry; cultivars, varieties and/or hybrids of these.					
Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)  Green Fruit Rot/ Jacket Rot ( <i>Botrytis cinerea</i> ) (suppression)	2.5 to 3.5 ( 0.078 to 0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications at green tip. If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.	<ul style="list-style-type: none"> <li>• Do not apply within 14 days of harvest.</li> <li>• Do not make more than 2 sequential applications after petal fall before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 3 applications per year.</li> <li>• Do not apply more than 10.5 oz product per acre per year when the maximum rate per application is 3.5 oz product per acre.</li> <li>• Do not apply more than 12 oz product per acre per year when the maximum rate per application is 4.0 oz product per acre.</li> </ul>
Cherry Leaf Spot ( <i>Blumeriella jaapii</i> ) - excluding pathogen types resistant to Group 3 fungicides	4.0 (0.125 lb ai/A)				
Fruit Brown Rot ( <i>Monilinia</i> spp.)	2.5 to 4.0 (0.078 to 0.125 lb ai/A)		Following brown rot/blossom blight schedule, make additional applications on a 10- to 14-day interval until terminal growth ceases. Application can be made after harvest.		
Powdery Mildew ( <i>Podosphaera clandestina</i> )	3.5 to 4.0 (0.11 to 0.125 lb ai/A)				

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

<b>STONE FRUIT - continued</b> <b>(Crop Group 12-12)</b> Apricot; Japanese apricot; nectarine and peach.						
Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions	
	oz/A	GPA				
Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)  Green Fruit Rot/Jacket Rot ( <i>Botrytis cinerea</i> ) (suppression)  Scab ( <i>Cladosporium carpophilum</i> )  Shot Hole ( <i>Wilsonomyces carpophilus</i> )	2.5 to 3.5 (0.078 to 0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications at early pink bud stage before infection occurs. If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under high disease pressure use the higher rate and shorter spray intervals.	<ul style="list-style-type: none"> <li>• Do not apply within 14 days of harvest.</li> <li>• Do not make more than 2 sequential applications after petal fall before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 3 applications per year.</li> <li>• Do not apply more than 10.5 oz product per acre per year when the maximum rate per application is 3.5 oz product per acre.</li> <li>• Do not apply more than 12 oz product per acre per year when the maximum rate per application is 4.0 oz product per acre.</li> </ul>	
Fruit Brown Rot ( <i>Monilinia</i> spp.)			2.5 to 4.0 (0.078 to 0.125 lb ai/A)			Make application 14 to 21 days prior to harvest.
Powdery Mildew ( <i>Podosphaera</i> spp.)			3.5 to 4.0 (0.11 to 0.125 lb ai/A)			Following brown rot/blossom blight schedule, make additional applications on a 10- to 14-day interval until terminal growth ceases.  Begin applications prior to disease development and continue at a 7- to 14-day interval.

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

**STONE FRUIT - continued**  
**(Crop Group 12-12)**  
 Apricot; Japanese apricot; nectarine and peach.

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Rust ( <i>Tranzschelia discolor</i> )	3.5 (0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin application when bud tissue is susceptible to disease development (i.e., pink, white or red bud). If conditions are favorable for disease development, make a second application at full bloom or at petal fall.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under high disease pressure use the higher rate and shorter spray intervals.	<ul style="list-style-type: none"> <li>• Do not apply within 14 days of harvest.</li> <li>• Do not make more than 2 sequential applications after petal fall before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 3 applications per year.</li> <li>• Do not apply more than 10.5 oz product per acre per year.</li> </ul>

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

<b>STONE FRUIT - continued</b> <b>(Crop Group 12-12)</b> American plum; beach plum; Canada plum; cherry plum; Chickasaw plum; Damson plum; Japanese plum; Klamath plum; plum; plumcot; prune plum; sloe.					
Disease	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)	2.5 to 3.5 (0.078 to 0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications at green tip. If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.	<ul style="list-style-type: none"> <li>• Do not apply within 14 days of harvest.</li> <li>• Do not make more than 2 sequential applications after petal fall.</li> <li>• Do not make more than 3 applications before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not apply more than 10.5 oz product per acre per year when the maximum rate per application is 3.5 oz product per acre.</li> <li>• Do not apply more than 12 oz product per acre per year when the maximum rate per application is 4.0 oz product per acre.</li> <li>• Do not apply <i>Metconazole</i> 50 WDG Fungicide to “Stanley” type plums.</li> </ul>
Rust ( <i>Tranzschelia discolor</i> )	3.5 (0.11 lb ai/A)				
Powdery Mildew ( <i>Podosphaera</i> spp.)	3.5 to 4.0 (0.11 to 0.125 lb ai/A)		Following brown rot/blossom blight schedule, make additional applications on a 10- to 14-day interval until terminal growth ceases.	Under high disease pressure use the higher rate and shorter spray intervals.	

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

**SUNFLOWER\***  
**(Crop Subgroup 20B)**

calendula; castor oil plant; Chinese tallowtree; euphorbia; evening primrose; jojoba; niger seed; rose hip; safflower; stokes aster; sunflower; tallowwood; tea oil plant; vernonia; cultivars, varieties, and/or hybrids of these.

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Rust ( <i>Puccinia helianthi</i> , <i>Uromyces</i> spp.)  Sclerotinia Rot ( <i>Sclerotinia sclerotiorum</i> ) (suppression)	2.5 to 4.0 (0.078 to 0.125 lb ai/A)	Ground: Minimum 20 GPA  Aerial: Minimum 5 GPA	Apply when conditions favor disease development and prior to infection.  A second application may be made on a 7- to 14-day interval.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Use a non-Group 3 fungicide, with activity on the target disease, in alternation with <i>Metconazole</i> 50 WDG Fungicide.  Apply as a foliar spray in sufficient water to obtain thorough coverage of leaves.	<ul style="list-style-type: none"> <li>Do not apply within 21 days of harvest.</li> <li>Do not make more than 2 applications per year.</li> <li>Two applications may be made sequentially.</li> <li>Do not apply more than 8 oz product per acre per year.</li> <li>A PF5 respirator is required when mixing/loading for use on sunflower.</li> </ul>

\*Not for use in California.

## CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

### TREE NUTS (EXCEPT FILBERT, PECAN AND PISTACHIO) (Crop Group 14-12)

African nut-tree; almond; beechnut; black walnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; English walnut; ginkgo; Guiana chestnut; heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pequi; Pili nut; pine nut; Sapucaia nut; tropical almond; yellowhorn; cultivars varieties and/or hybrids of these.

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Alternaria Leaf Spot ( <i>Alternaria</i> spp.)  Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)  Scab ( <i>Cladosporium carpophilum</i> )	2.5 to 3.5 ( 0.078 to 0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications prior to disease development and continue at a 7- to 14-day interval throughout the year.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under high disease pressure use the higher rate and shorter spray intervals.	<ul style="list-style-type: none"> <li>Do not apply within 25 days of harvest.</li> <li>Do not make more than 2 sequential applications after petal fall before switching to a non-Group 3 fungicide for resistance management.</li> <li>Do not make more than 4 applications per year.</li> <li>Do not apply more than 14 oz product per acre per year.</li> </ul>
Anthracnose ( <i>Marssonina juglandis</i> )  Botryosphaeria Blight ( <i>Botryosphaeria</i> spp.)  Powdery Mildew ( <i>Podosphaera</i> spp.)  Rust ( <i>Tranzschelia discolor</i> )	3.5 (0.11 lb ai/A)				

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS – Tree Nuts continued**

**TREE NUTS (EXCEPT FILBERT, PECAN AND PISTACHIO)  
(Crop Group 14-12)**

African nut-tree; almond; beechnut; black walnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; cajou nut; candlenut; cashew; chestnut; Chinquapin; coconut; coquito nut; dika nut; English walnut; ginkgo; guiana chestnut; heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; okari nut; pachira nut; peach palm nut; pequi; pili nut; pine nut; sapucaia nut; tropical almond, yellowhorn; cultivars varieties and/or hybrids of these.

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz/A	GPA			
Shot Hole ( <i>Wilsonomyces carpophilus</i> )	2.5 ( 0.078 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications prior to disease development and continue at a 7- to 14-day interval throughout the year.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under high disease pressure use the higher rate and shorter spray intervals.	<ul style="list-style-type: none"> <li>• Do not apply within 25 days of harvest.</li> <li>• Do not make more than 2 sequential applications after petal fall before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 4 applications per year.</li> <li>• Do not apply more than 10 oz product per acre per year when the rate per application is 2.5 oz product per acre.</li> <li>• Do not apply more than 14 oz product per acre per year when the maximum rate per application is 3.5 oz product per acre.</li> </ul>
Hull Rot ( <i>Monilinia</i> spp. <i>Rhizopus</i> spp.) (suppression)	2.5 to 3.5 (0.078 to 0.11 lb ai/A)				

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS – Tree Nuts continued**

<b>FILBERT (HAZELNUT)</b>					
<b>Diseases</b>	<b>Application Rates</b>		<b>When to Apply</b>	<b>Special Use Instructions</b>	<b>Use Restrictions</b>
	<b>oz/A</b>	<b>GPA</b>			
Eastern Filbert Blight ( <i>Anisogramma anomala</i> )	3.5 (0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications starting at bud swell to bud break and continue at 14-day intervals.  <i>Metconazole</i> 50 WDG Fungicide is most effective when applied and allowed to dry before a rainfall.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management program (IPM).  Apply as a foliar spray in sufficient water to obtain thorough coverage of all branches.  Alternate row applications are not recommended.  Under conditions which favor disease development, shorten spray interval to 10 days.	<ul style="list-style-type: none"> <li>• Do not apply within 25 days of harvest.</li> <li>• Do not make more than 2 sequential applications before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 4 applications per year.</li> <li>• Do not apply more than 14 oz product per acre per year.</li> </ul>

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS – Tree Nuts continued**

<b>PECAN</b>					
<b>Diseases</b>	<b>Application Rates</b>		<b>When to Apply</b>	<b>Special Use Instructions</b>	<b>Use Restrictions</b>
	<b>oz/A</b>	<b>GPA</b>			
Scab ( <i>Cladosporium caryigenum</i> )	2.5 to 3.5 (0.078 to 0.11 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Begin applications when leaves reach one-half mature size.  Continue to make scab applications if scab model predicts need.  Begin applications prior to disease development and continue at a 7- to 14-day interval throughout the year.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management program (IPM).  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under high disease pressure use the higher rate and shorter spray intervals.	<ul style="list-style-type: none"> <li>• Do not apply within 25 days of harvest.</li> <li>• Do not make more than 2 sequential applications before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 4 applications per year.</li> <li>• Do not apply more than 14 oz product per acre per year.</li> </ul>

continued

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS – Tree Nuts continued**

<b>PISTACHIO</b>					
<b>Disease</b>	<b>Application Rates</b>		<b>When to Apply</b>	<b>Special Use Instructions</b>	<b>Use Restrictions</b>
	<b>oz/A</b>	<b>GPA</b>			
Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> )	4.0 (0.125 lb ai/A)	100 to 400  Aerial: Minimum 10 GPA	Apply prior to onset of disease development and continue on 2 to 3 week interval.	Use <i>Metconazole</i> 50 WDG Fungicide as part of an Integrated Pest Management program (IPM).  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under high disease pressure use the shorter spray interval.	<ul style="list-style-type: none"> <li>• Do not apply within 25 days of harvest.</li> <li>• Do not make more than 2 sequential applications before switching to a non-Group 3 fungicide for resistance management.</li> <li>• Do not make more than 4 applications per year.</li> <li>• Do not apply more than 16 oz product per acre per year.</li> </ul>
Alternaria Late Blight ( <i>Alternaria</i> spp.)					
Botrytis Blossom and Shoot Blight ( <i>Botrytis cinerea</i> )					
Septoria Leaf Spot ( <i>Septoria pistaciarum</i> )					

**PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.**

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